

## **REQUIRED PARTS LIST**

- Engine
  - Design weight for the engine/muffler/mount is 1400Grams/50OZ
  - The following combinations meet this weight:
    - OS 1.6/Bison pitts muffler/Dubro soft mount
    - YS1.4/Slimline pitts muffler/Dubro soft mount
- Pitts style muffler
- Flexible muffler extensions
- Engine mount
  - Soft mount is highly recommended
- Throttle servo linkage
- 16 to 20 Ounce fuel tank
- Foam padding for mounting radio and fuel tank
- Heat shrink to secure radio connections
- Large tie straps for mounting radio and fuel tank
- Fuel line, 24" minimum
- In-line fuel filter
- Fuel "dots" or other fueling system
- Fuel pump if not included with motor
- Main Wheels, 2 3/4"
- Main gear axles, 1 1/2" length minimum, diameter to fit wheels
- Wheel collars (4)
- Tailwheel assembly
- Kevlar thread (optional)
- Carbon fiber rods (optional)
- Monokote or Ultracote
  - 4 rolls for wings
  - 2 rolls for fuselage
- Paint for cowl, wheel pants, and landing gear
- Radio transmitter:
  - Minimum 4 channel, computer



- Ailerons – to match your servo option
- Switch and charging jack
- Battery
  - 4.8Volt with 1200ma gives 70 minutes flying time.
  - 6.0 volt with 1200ma gives 40 minutes flying time
- Elevator splitter – for non computer radio
- 8 Servo arms, single sided long arms
  - Metal preferred for direct drive setup, although plastic will work.